

IN THE SPECIFICATION

Please replace paragraph [0019] with the following amended paragraph:

D [0019] In the augmented or reheat mode of engine operation, flap 110 is translated to second position 114, or the stowed position, and detonation chamber 102 is returned to flow communication with flowpath 54. Fuel is supplied to deflagration chamber 100 such that chamber 100 is operated in a fuel-rich mode of operation. Flow exiting deflagration chamber 100 ~~is directed into~~ enters detonation chamber 102 ~~by~~ through the vaneless radial nozzle which operates above a critical pressure ratio, and combustion is initiated within detonation chamber 102. Because centerbody 56 is translated to second position 82 during the reheat mode of engine operation, the pressure ratio across the vaneless radial nozzle is increased. When this pressure ratio reaches the critical value, detonation occurs within detonation chamber 102. The resulting detonation shock pattern results in the temporary interruption of flow into chamber 102, the discharge of detonation products aftwards, and the initiation of a fresh charge of deflagration products through the radial nozzle. The cycle is repeated at a high frequency such that an amount of thrust from engine 10 is increased without impacting operation of core engine 30. As a result, operation of pulse detonation system 12 creates a pressure and temperature rise within engine 10, which facilitates increasing an amount of thrust from engine 10.